SEQUENCE LISTING

<110> Turner, C. Alexander Jr.
      Donoho, Gregory
      Wang, Xiaoming
      Hilbun, Erin
      Zambrowicz, Brian
      Sands, Arthur T.

<120> Novel Human Galanin Family Proteins and
   Polynucleotides Encoding the Same

<130> LEX-0068-USA

<150> US 60/158,848
<151> 1999-10-12

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 426
<212> DNA
<213> homo sapiens

<400> 1
atggctcctc cctccgtccc cctggtcctc ctcctcgtcc tcttgctgag cctggcagag   60
actccagcat ccgcacctgc ccaccgggga cgaggaggct ggaccctcaa tagtgctggc   120
taccttctgg gtcccgtcct ccaccttccc caaatgggtg accaagacgg aaagagggag   180
acagcccttg agatcctaga cctgtggaag gccatcgatg ggctccccta ctcccacct   240
ccacagccct ccaagaggaa tgtgatggag acgtttgcca aaccagagat tggaggtaaa   300
gccaggaaac acagaagaga gacaccgaca ggagaggggg aacaaggaag tggcaggcag   360
agcttagagg atctgggcat gctcagcatg aaaattccca aggaggaaga tgtcctgaag   420
tcatag   426

<210> 2
<211> 141
<212> PRT
<213> homo sapiens

<400> 2
Met Ala Pro Pro Ser Val Pro Leu Val Leu Leu Leu Val Leu Leu Leu
1   5   10   15
Ser Leu Ala Glu Thr Pro Ala Ser Ala Pro Ala His Arg Gly Arg Gly
                20   25   30
Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro Val Leu His
                35   40   45
Leu Pro Gln Met Gly Asp Gln Asp Gly Lys Arg Glu Thr Ala Leu Glu
        50   55   60
Ile Leu Asp Leu Trp Lys Ala Ile Asp Gly Leu Pro Tyr Ser His Pro
65   70   75   80
Pro Gln Pro Ser Lys Arg Asn Val Met Glu Thr Phe Ala Lys Pro Glu
                85   90   95

1

Ile Gly Gly Lys Ala Arg Lys His Arg Arg Glu Thr Pro Thr Gly Glu
            100   105   110
Gly Glu Gln Gly Ser Gly Arg Gln Ser Leu Glu Asp Leu Gly Met Leu
        115   120   125
Ser Met Lys Ile Pro Lys Glu Glu Asp Val Leu Lys Ser
    130   135   140

<210> 3
<211> 351
<212> DNA
<213> homo sapiens

<400> 3
atggctcctc cctccgtccc cctggtcctc ctcctcgtcc tcttgctgag cctggcagag   60
actccagcat ccgcacctgc ccaccgggga cgaggaggct ggaccctcaa tagtgctggc   120
taccttctgg gtcccgtcct ccaccttccc caaatgggtg accaagacgg aaagagggag   180
acagcccttg agatcctaga cctgtggaag gccatcgatg ggctcccta ctcccaccct   240
ccacagccct ccaagaggaa tgtgatggag acgtttgcca aaccagagat tggagatctg   300
ggcatgctca gcatgaaaat tcccaaggag gaagatgtcc tgaagtcata g   351

<210> 4
<211> 116
<212> PRT
<213> homo sapiens

<400> 4
Met Ala Pro Pro Ser Val Pro Leu Val Leu Leu Leu Val Leu Leu Leu
  1   5   10   15
Ser Leu Ala Glu Thr Pro Ala Ser Ala Pro Ala His Arg Gly Arg Gly
        20   25   30
Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro Val Leu His
            35   40   45
Leu Pro Gln Met Gly Asp Gln Asp Gly Lys Arg Glu Thr Ala Leu Glu
    50   55   60
Ile Leu Asp Leu Trp Lys Ala Ile Asp Gly Leu Pro Tyr Ser His Pro
65   70   75   80
Pro Gln Pro Ser Lys Arg Asn Val Met Glu Thr Phe Ala Lys Pro Glu
                85   90   95
Ile Gly Asp Leu Gly Met Leu Ser Met Lys Ile Pro Lys Glu Glu Asp
            100   105   110
Val Leu Lys Ser
        115